



219.40439X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ARRIGOTTI et al.

Serial No.: 09/964,812

Filed: September 28, 2001

For: SOLDERED HEAT SINK ANCHOR AND METHOD OF USE

Art Unit: 2827

Examiner: Ishwarbhai B. Patel

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 3, 2003

Sir:

In the matter of the above-identified application, applicants are submitting herewith for the Examiner's consideration copies of documents cited in a communication from a foreign patent office in a counterpart foreign application. The documents are listed on the attached form equivalent to Form PTO-1449.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

219.40439X00  
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U.S. Patent 5,734,556 to Saneinejad et al. (issued March 1998) is cited in the Search Report but not listed on the Form PTO-1449 since it has already been cited in the U.S. application.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version or translation of the foreign patent office report citing the documents.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 219.40439X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

  
David C. Oren  
Registration No. 38,694  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

DCO/pay  
(703) 312-6600

Attachments

FORM PTO-1449 (Rev. 4/92)	U.S. Department of Commerce Patent and Trademark Office	O I P E JUN 03 2003 JC34 U. S. PATENT & TRADEMARK OFFICE	ATTY. DOCKET NO. <b>219.40439X00</b>	SERIAL NO. <b>09/964,812</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			APPLICANT <b>ARRIGOTTI et al.</b>	
(Use several sheets if necessary)			FILING DATE <b>September 28, 2001</b>	GROUP <b>2827</b>

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	TEC SUBCLASS	FILING DATE IF APPROPRIATE
	5	9	1	7	7	0	1	6/99	SOLBERG			1032
	6	0	7	5	6	9	9	6/00	RIFE			

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**U.S. Patent Application Publication 2002/0039285 A1, by Hsieh et al. dated April 4, 2002.**

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 02/25306

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01L23/40

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 734 556 A (SANINEJAD MOHSEN ET AL) 31 March 1998 (1998-03-31) figures ---	1-28
Y	US 5 917 701 A (SOLBERG TERRY B) 29 June 1999 (1999-06-29) column 6, line 22 - line 36; figures 4,5 ---	1-28
A	US 6 075 699 A (RIFE WILLIAM B) 13 June 2000 (2000-06-13) figures 1-6 ---	19,22,27
A	EP 1 020 910 A (ELSA AG) 19 July 2000 (2000-07-19) ---	
P, A	US 2002/039285 A1 (TAN KO-CHEN ET AL) 4 April 2002 (2002-04-04) the whole document -----	1-28

Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
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- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

16 May 2003

Date of mailing of the international search report

23/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340 2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340 -3016

Authorized officer

Prohaska, G